

PRODUCT

**SAVAGE RAM 70M-T**  
PHOSPHATE BONDED, MULLITE  
TROWELING/PATCHING PLASTIC

**REFRACTORIES**

**TECHNICAL DATA**

PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F / 1760°C
Material Required per Cu. Ft.	153 lbs./cu.ft.
Bulk Density after Drying at 230°F	133 lbs./cu.ft.

Modulus of Rupture

MOR after Firing at 1500°F	1300 psi
Hot MOR at 2550°F	1400 psi

<u>Cold Crushing Strength After 1500°F</u>	3000 psi
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Permanent Linear Change

After Drying at 230°F	-1.5%
After Heating to 1500°F	+0.1%
After Heating to 2550°F	+1.2%

CHEMICAL ANALYSIS

Silica	[SiO <sub>2</sub> ]	20.8%
Alumina	[Al <sub>2</sub> O <sub>3</sub> ]	72.1%
Iron Oxide	[Fe <sub>2</sub> O <sub>3</sub> ]	0.7%
Phosphorous Pentoxide	[P <sub>2</sub> O <sub>5</sub> ]	4.7%
Titania	[TiO <sub>2</sub> ]	1.5%
Other		0.2%

NOTE: All data subject to reasonable deviation and should not be used for specification purposes.

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